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DATE: Tuesday, May 24, 2005

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*DB=PGPB,USPT,JPAB,DWPI; PLUR=YES; OP=ADJ*

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<input type="checkbox"/>	L2	L1 and (transgen\$ or knockout or disrupt\$ or delet\$ or deficien\$)	24
<input type="checkbox"/>	L1	adenylate cyclase 7 or adcy7 or adcy 7	25

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=> d bib abs 1-  
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L3 ANSWER 1 OF 2 BIOSIS COPYRIGHT (c) 2005 The Thomson Corporation on STN

AN 2003:107195 BIOSIS

DN PREV200300107195

TI SIAH1 inactivation correlates with tumor progression in hepatocellular carcinomas.

AU Matsuo, Koichi [Reprint Author]; Satoh, Seiji; Okabe, Hiroshi; Nomura, Akinari; Maeda, Toshiaki; Yamaoka, Yoshio; Ikai, Iwao

CS Department of Gastroenterological Surgery, Graduate School of Medicine, Kyoto University, 54 Kawahara-cho, Shogoin, Sakyo-ku, Kyoto, 606-8507, Japan

kmatso@kuhp.kyoto-u.ac.jp

SO Genes Chromosomes & Cancer, (March 2003) Vol. 36, No. 3, pp. 283-291. print.

CODEN: GCCAES. ISSN: 1045-2257.

DT Article

LA English

ED Entered STN: 26 Feb 2003

Last Updated on STN: 26 Feb 2003

AB Accumulation of loss of heterozygosity (LOH) on chromosome 16 is frequently observed in human hepatocellular carcinomas (HCCs). To identify tumor-suppressor genes (TSGs) involved in hepatocarcinogenesis, we performed \*\*\*deletion\*\*\* mapping of chromosome 16 in 59 HCCs. Three commonly \*\*\*deleted\*\*\* regions, located in 16q12.1, 16q22.1, and 16q24.2, were observed. Because there has been no study on LOH at locus 16q12.1 in HCCs, we focused on this region. By searching the Human Genome Database at the National Center for Biotechnology Information web site, we identified 14 known genes in 16q12.1 as TSG candidates. Among these, the expression of SIAH1 was markedly downregulated in HCCs, and inactivation of SIAH1 expression was associated with LOH at 16q12.1. A mutation analysis of SIAH1 revealed no somatic mutations, but one single nucleotide polymorphism was found among the 35 HCCs investigated. Subsequently, we evaluated the relation between SIAH1 expression, confirmed by semiquantitative RT-PCR, and clinicopathological parameters in HCCs. SIAH1 was significantly downregulated in advanced HCCs, including poorly differentiated tumors, larger tumors, and tumors in advanced stages. These findings suggest that inactivation of SIAH1 plays an important role in HCC progression.

L3 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2005 ACS on STN

AN 2004:335782 CAPLUS

DN 140:401304

TI Nucleotide sequences useful in the identification of pharmaceutically active compounds

AU Martijn, Cecile; Johansson, Per; Sjoegren, Annelie; Walum, Erik; Lind, Peter; Enerbaeck, Sven; Rondahl, Lena

CS Biovitrum AB, UK

SO Research Disclosure (2003), Volume Date 2004, 477(Jan.), P23-P24 (No. 477015)

CODEN: RSDSBB; ISSN: 0374-4353

PB Kenneth Mason Publications Ltd.

DT Journal; Patent

LA English

PATENT NO. KIND DATE APPLICATION NO. DATE

PI RD 477015 20040110

PRAI RD 2004-477015 20040110

AB Nucleotide sequences that are predicted to be useful in methods for identification of pharmaceutically active compds. are presented. Such compds. are predicted to be useful for the treatment or prophylaxis of metabolic diseases, such as obesity and type 2 diabetes.

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